



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Todd D. Wakefield and David L. Bean

DOCKET: 03760.018/5135P

TITLE: Visualization of integrated structured data and extracted relational facts from free text

SERIAL NO.: 10/728,721

FILED: 12/5/2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Cover Letter: Information Disclosure Statement

Honorable Commissioner:

Please find enclosed an information disclosure statement by applicant, whereby applicant seeks to meet his duty of disclosure. Applicant does not provide copies of the U.S. patents or patent application publications, as the requirement has been waived for applications filed after June 30, 2003 (See Official Gazette: 05 August 2003).

Respectfully submitted this 5 day of March, 2004.

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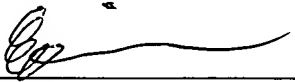
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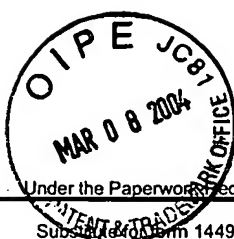
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Sub. 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 10**Complete if Known**

Application Number	10/728,721
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	
Examiner Name	
Attorney Docket Number	03760.018/5135P

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,914,590	04-03-1990	Loatman et al.	
		US- 5,694,523	12-02-1997	Wical	
		US- 5,933,818	08-03-1999	Kasravi et al.	
		US- 20030167266-A1	09-04-2003	Saldanha et al.	
		US- 6,304,870	10-16-2001	Kushmerick et al.	
		US- 6,102,969	08-15-2000	Christianson et al.	
		US- 5,890,103	03-30-1999	Carus	
		US- 5,768,580	06-16-1998	Wical	
		US- 5,887,120	03-23-1999	Wical	
		US- 5,918,236	06-29-1999	Wical	
		US- 5,930,788	07-27-1999	Wical	
		US- 5,940,821	08-17-1999	Wical	
		US- 5,953,718	09-14-1999	Wical	
		US- 5,963,940	10-05-1999	Liddy et al.	
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		US- 6,199,034	03-06-2001	Wical	
		US- 6,263,335	07-17-2001	Paik et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO-98/24016	06-04-1998	Devoino et al.		
		WO-99/18527	04-15-1999	Batchilo et al.		
		WO-00/14651	03-16-2000	Tsourikov et al		
		WO-00/46703	08-10-2000	Devoino et al.		

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Substitute for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>		<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/728,721</td> </tr> <tr> <td>Filing Date</td> <td>December 5, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Wakefield, Todd D.</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>03760.018/5135P</td> </tr> </table>		Application Number	10/728,721	Filing Date	December 5, 2003	First Named Inventor	Wakefield, Todd D.	Art Unit		Examiner Name		Attorney Docket Number	03760.018/5135P
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Sheet	2	of	19												

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		Number-Kind Code ² (if known)			
		US- 6,460,034	10-01-2002	Wical	
		US- 6,487,545	11-26-2002	Wical	
		US- 6,507,829	01-14-2003	Richards et al.	
		US- 6,513,006	01-28-2003	Howard et al.	
		US- 6,523,026	02-18-2003	Gillis	
		US- 6,553,385	04-22-2003	Johnson et al.	
		US- 6,567,805	05-20-2003	Johnson et al.	
		US- 6,571,235	05-27-2003	Marpe et al.	
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		US- 6,604,094	08-05-2003	Harris	
		US- 6,615,209	09-02-2003	Gomes et al.	
		US- 6,618,725	09-09-2003	Fukuda et al.	
		US- 20030163302	08-28-2003	Yin	
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Sheet

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of

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		Number-Kind Code ² (if known)			
		US- 4,965,763	10-23-1990	Zamora	
		US- 4,992,972	02-12-1991	Brooks et al.	
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		US- 5,614,899	03-25-1997	Tokuda et al.	
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		US- 5,799,268	08-25-1998	Boguraev	
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		US- 5,844,798	12-01-1998	Uramoto	
		US- 5,878,385	03-02-1999	Bralich et al.	
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Sheet <u>4</u>	of <u>10</u>	Attorney Docket Number	03760.018/5135P

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		US- 4,864,502	09-05-1989	Kucera et al.	
		US- 4,868,750	09-19-1989	Kucera et al.	
		US- 4,887,212	12-12-1989	Zamora et al.	
		US- 4,905,138	02-27-1990	Bourne	
		US- 4,994,966	02-19-1991	Hutchins	
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		US- 5,083,268	01-21-1992	Hemphill et al.	
		US- 5,164,899	11-17-1992	Sobotka et al.	
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		US- 5,243,520	09-07-1993	Jacobs et al.	
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		US- 5,682,539	10-28-1997	Conrad et al.	
		US- 5,687,384	11-11-1997	Nagase	

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		US- 5,721,938	02-24-1998	Stuckey	
		US- 5,752,052	05-12-1998	Richardson et al.	
		US- 5,781,879	07-14-1998	Arnold et al.	
		US- 5,878,386	03-02-1999	Coughlin	
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		US- 6,505,157	01-07-2003	Elworthy	
		US- 6,535,886	03-18-2003	Koontz	
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		US- 6,556,964	04-29-2003	Haug et al.	

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		US- 6,609,087	08-19-2003	Miller et al.	
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		US- 5,060,155	10-22-1991	van Zuijlen	
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		US- 5,794,050	08-11-1998	Dahlgren et al.	
		US- 5,819,210	10-06-1998	Maxwell, III et al.	
		US- 5,841,900	11-24-1998	Rahgozar et al.	
		US- 5,878,406	03-02-1999	Noyes	
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STATEMENT BY APPLICANT**

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Application Number	10/728,721
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	
Examiner Name	
Attorney Docket Number	03760.018/5135P

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,966,686	10-12-1999	Heidorn et al.	
		US- 5,983,169	11-09-1999	Kozma	
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		US- 5,999,896	12-07-1999	Richardson et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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		US- 6,609,091	08-19-2003	Budzinski	
		US- 6,611,825	08-26-2003	Billheimer et al.	
		US- 20020007358	01-17-2002	Johnson et al.	
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		US- 20030078899	04-24-2003	Shanahan	

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					Art Unit	
					Examiner Name	
					Attorney Docket Number	03760.018/5135P
Sheet	9	of	10			

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				Art Unit	
				Examiner Name	
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BEAN, "Corpus-Based Identification ...", 27th Annual Meeting of the Association of Computational Linguistics, June 20-26 1999, p. 373-380, University of Maryland, USA	
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		RILOFF, "Little Words Can Make a...", Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, 1995, pp. 130-136	
		RILOFF, "Using Learned Extrac...", Connectionist, Statistical, and Symbolic Approaches to Learning for Natural Language Processing, 1996, Springer-Verlag, Berlin, pp. 275-289	
		RILOFF, "Automatically Constructing a Dictionary for Informa...", Proceedings of the Eleventh National Conference on Artificial Intelligence, 1993, MIT Press, pages 811-816	
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		"State-of-the-art of Spoken Language Systems - a Survey", Sept. 1992, Speech Technology Centre, Aalborg University, Aalborg, Denmark	

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